

LISTING AND AMENDMENTS TO THE CLAIMS

This listing of claims will **replace** all prior versions, and listings, of claims in the application.

What is claimed is:

1. (currently amended) Video apparatus comprising:
a receiver ~~{5 ; 5, 8}~~ for converting an RF signal ~~{RF}~~ into a video signal ~~{CVBS ; YCrCb}~~;
processing means ~~{8 ; 10}~~ receiving the video signal ~~{CVBS ; YCrCb}~~ and outputting an encoded stream ~~{YCrCb ; MPEG}~~ based on the video signal ~~{CBVS ; YCrCb}~~;
an indicator ~~{AGC ; IF_AMP}~~ of a characteristic of the RF signal ~~{RF}~~;
control means ~~{14}~~ for adjusting the processing means ~~{8 ; 10}~~ based on the indicator ~~{AGC ; IF_AMP}~~.
2. (currently amended) Video apparatus according to claim 1, wherein the processing means ~~{8 ; 10}~~ includes an adjustable filter ~~{84}~~ and wherein the control means ~~{14}~~ includes means for adjusting the adjustable filter ~~{84}~~ based on the indicator ~~{AGC ; IF_AMP}~~.
3. (currently amended) Video apparatus according to claim 2, wherein the receiver ~~{5}~~ outputs the video signal ~~{CVBS}~~ as an analogue signal and wherein a video decoder ~~{8}~~ converts the analogue signal ~~{CVBS}~~ into a digital stream ~~{YCrCb}~~.
4. (currently amended) Video apparatus according to claim 3, wherein the video decoder ~~{8}~~ comprises the adjustable filter ~~{84}~~.
5. (currently amended) Video apparatus according to claim 1, wherein the processing means includes an encoder ~~{10}~~ having an adjustable encoding bit-rate and wherein the control means ~~{14}~~ includes

means for adjusting the encoding bit-rate based on the indicator ~~(AGC ; IF_AMP)~~.

6. (currently amended) Video apparatus according to claim 1, wherein the characteristic is the amplitude of the RF signal ~~(RF)~~.

7. (currently amended) Video apparatus according to claim 1, wherein the indicator is a voltage ~~(AGC)~~ controlling the gain of an amplifier ~~(42)~~ of the receiver ~~(5 ; 5, 8)~~.

8. (currently amended) Video apparatus according to claim 1, wherein the receiver comprises a tuner ~~(4)~~ which outputs an IF signal ~~(IF)~~ and wherein the indicator ~~(IF_AMP)~~ is the amplitude of the IF signal ~~(IF)~~.

9. (currently amended) Video apparatus according to claim 1, wherein the control means comprises a micro-processor ~~(14)~~.

10. (currently amended) Video apparatus according to claim 9, wherein the micro-processor ~~(14)~~ has means for receiving a signal representative of the indicator ~~(AGC ; IF_AMP)~~ and means ~~(DEC_BUS)~~ for sending control data to adjust the processing means ~~(8)~~.

11. (currently amended) Video apparatus according to claim 5, wherein the characteristic is the amplitude of the RF signal ~~(RF)~~.

12. (currently amended) Video apparatus according to claim 5, wherein the indicator is a voltage ~~(AGC)~~ controlling the gain of an amplifier ~~(42)~~ of the receiver ~~(5 ; 5, 8)~~.

13. (currently amended) Video apparatus according to claim 5, wherein the receiver comprises a tuner ~~(4)~~ which outputs an IF signal ~~(IF)~~ and wherein the indicator ~~(IF_AMP)~~ is the amplitude of the IF signal ~~(IF)~~.

14. (currently amended) Video apparatus according to claim 5, wherein the control means comprises a micro-processor ~~(14)~~.

15. (currently amended) Video apparatus according to claim 14, wherein the micro-processor ~~(14)~~ has means for receiving a signal representative of the indicator ~~(AGC ; IF_AMP)~~ and means ~~(DEC_BUS)~~ for sending control data to adjust the processing means ~~(8)~~.